bio-protocol Preprint

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Radiochemistry of [11C]MK-6884 and [3H]MK-6884

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Updated date: Feb 7, 2022

An abbreviated version of this protocol was published in Science Translational Medicine in Jan 2022

The PET tracer [11C]MK-6884 quantifies M4 muscarinic receptor in rhesus monkeys and patients with Alzheimer's disease

DOI: 10.1126/scitranslmed.abg3684

Related files

[11C]MK-6884 synthesis for request of protocol.pdf

Synthesis of 3H MK-6884.pdf

How to cite:(Readers should cite both the Bio-protocol preprint and the original research article where this protocol was used)

1. Li, W. (2022). Radiochemistry of [11C]MK-6884 and [3H]MK-6884. Bio-protocol Preprint. 10.21769/p1532.
2. Li, W., Wang, Y., Lohith, T. G., Zeng, Z., Tong, L., Mazzola, R., Riffel, K., Miller, P., Purcell, M., Holahan, M., Haley, H., Gantert, L., Hesk, D., Ren, S., Morrow, J., Uslaner, J., Struyk, A., Wai, J. M., Rudd, M. T., Tellers, D. M., McAvoy, T., Bormans, G., Koole, M., Van Laere, K., Serdons, K., de Hoon, J., Declercq, R., De Lepeleire, I., Pascual, M. B., Zanotti-Fregonara, P., Yu, M., Arbones, V., Masdeu, J. C., Cheng, A., Hussain, A., Bueters, T., Anderson, M. S., Hostetler, E. D. and Basile, A. S.(2022). The PET tracer [11C]MK-6884 quantifies M4 muscarinic receptor in rhesus monkeys and patients with Alzheimer's disease. Science Translational Medicine 14(627). DOI: 10.1126/scitranslmed.abg3684

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